TITLE OF TRAINING	TYPE OF TRAINING REQUIRED	WHEN REQUIRED	DURATION	RENEWAL DATE IF APPLICABLE	SUPERVISOR LEAD SIGN-OFF
POSITION DESCRIPTION: Project Manager					
Project Management A/B or 5yr. equivalent OJT	Administrative/OJT	Upon Entry	2 weeks		
Resident Mgmt. Ed. Program	Administrative	Upon Entry	2 weeks		
Mgmt. Education Program	Administrative	Within 6 months	2 weeks		
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
POSITION DESCRIPTION: Deputy Project Manager					
Project Management A/B or 5 yr. equivalent OJT	Administrative/OJT	Upon Entry	2 weeks		
Resident Mgmt. Ed. Program	Administrative	Upon Entry	2 weeks		
Mgmt. Education Program	Administrative	Within 6 months	2 weeks		
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
POSITION DESCRIPTION: Technical Assistant					
Resident Mgmt. Ed. Program	Administrative	Within 6 months			
2 yr. Project Mgmt. OJT	OJT	Upon Entry			
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
POSITION DESCRIPTION: Secretary					
Demonstrated Admin Skills		Upon Entry			
Skills in Office Automation with emphasis on presentations		Upon Entry			
3 mo OJT in a NASA Office		Upon Entry			
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		

TITLE OF TRAINING	TYPE OF TRAINING REQUIRED	WHEN REQUIRED	DURATION	RENEWAL DATE IF APPLICABLE	SUPERVISOR LEAD SIGN-OFF
POSITION DESCRIPTION: User Liaison					
Detailed Knowledge of CLCS System Level Specification	OJT	Within 2 months			
Demonstrated knowledge of current Launch Processing System		Upon Entry			
1 yr Console Experience	OJT	Upon Entry			
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		

TITLE OF TRAINING	TYPE OF TRAINING REQUIRED	WHEN REQUIRED	DURATION	RENEWAL DATE IF APPLICABLE	SUPERVISOR LEAD SIGN-OFF
POSITION DESCRIPTION: Project Controls Chief					
Project Mgmt. A/B	Administrative	Upon Entry	2 weeks		
Program Mgmt. & Control Series or 5 yr equivalent OJT	Administrative	Upon Entry			
Resident Mgmt. Education	Administrative	Upon Entry	6 months		
Management Education Program	Administrative	Within 1 year	2 weeks		
Config. Mgmt. or 1 yr. OJT	Administrative	Within 6 months			
ISO 9000 Lead Auditor	Administrative	Within 6 months	1 week		
COTR Training	Administrative	Within 6 months			
Performance Measurement Training	Administrative	Within 3 months	2 days		
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
POSITION DESCRIPTION: Change Control Manager					
Config. Mgmt. or 1 yr. OJT	Administrative/OJT	Upon Entry			
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
POSITION DESCRIPTION: Budget Lead					
3 Months Budget/Resource Mgmt OJT	Administrative/OJT	Upon Entry			
Performance Measurement Training	Administrative	Within 3 months	2 days		
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		

TITLE OF TRAINING	TYPE OF TRAINING REQUIRED	WHEN REQUIRED	DURATION	RENEWAL DATE IF APPLICABLE	SUPERVISOR LEAD SIGN-OFF
POSITION DESCRIPTION: Program Analyst					
3 Months Budget/Resource Mgmt	Administrative/OJT	Upon Entry			
Performance Measurement Training	Administrative	Within 6 months	2 days		
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
POSITION DESCRIPTION: Webmaster					
Demonstration of Knowledge and Skills	OJT	Upon Entry			
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
POSITION DESCRIPTION: Procurement Lead					
Credit Card Training	Administrative	Within 3 months	2 hours		
6 Month OJT Procurement Process	OJT				
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
POSITION DESCRIPTION: Property Control Lead					
New Custodian Orientation by LO-SOD-1 Rep	OJT	Within 2 months			
Knowl. of KSC Sup. to NHB 4200.2 "KSC NASA Equipment Mgmt Sys" (NEMS) Property Custodian Manual	OJT	Within 2 months			
OJT NEMS use	OJT	Within 3 months			
Demo Knowledge of Filemaker Pro	OJT	Within 1 month			
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		

TITLE OF TRAINING	TYPE OF TRAINING REQUIRED	WHEN REQUIRED	DURATION	RENEWAL DATE IF APPLICABLE	SUPERVISOR LEAD SIGN-OFF
POSITION DESCRIPTION: Training Lead					
Demonstrated ability in oral presentations		Upon Entry			
1 year OJT Training Procedures	OJT	Upon Entry			
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
POSITION DESCRIPTION: Human Resources Administrator					
1 yr. Administrative specialist activities OJT	OJT				
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
POSITION DESCRIPTION: Facility Lead					
1 Yr. Project Mgmt. OJT	OJT	Upon Entry			
Construction of Facilities training	Administrative	Within 6 months	4 days		
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
POSITION DESCRIPTION: Assistant Facility Manager					
2 months OJT	OJT	Within 2 months			
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
POSITION DESCRIPTION: Technical Authors					
Demonstrated ability in Technical writing skills		Upon Entry			
CLCS Documentation Requirements	OJT	Within 1 month			
Tech Doc Training	OJT	Within 1 month	4 hours		
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		

TITLE OF TRAINING	TYPE OF TRAINING REQUIRED	WHEN REQUIRED	DURATION	RENEWAL DATE IF APPLICABLE	SUPERVISOR LEAD SIGN-OFF
POSITION DESCRIPTION: Systems Engineering & Integration Chief					
Resident Mgmt. Ed. Program	Administrative	Within 6 months	1 week		
Management Education Program	Administrative	Within 1 year	1 week		
2 year Project Mgmt. OJT	OJT	Upon Entry			
Demonstrated ability in Computer System Architecture		Upon Entry			
Demonstrated ability in Real Time Operating Systems		Within 3 months			
Object Oriented Design/Analysis	Technical	Within 3 months	1 week		
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
POSITION DESCRIPTION: System Design Lead					
VME (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	3 days		
Unix (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	1 week		
Local Area Network (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	1 week		
Demonstrated ability in Computer Systems Architecture					
Detailed Knowledge of CLCS System Level Specification	OJT	Within 2 months			
1 year Project Mgmt. OJT	OJT	Upon Entry			
Object Oriented Design/Analysis	Technical	Within 3 months	1 week		
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
Technical Writing	Administrative	Within 6 months	1 week		

TITLE OF TRAINING	TYPE OF TRAINING REQUIRED	WHEN REQUIRED	DURATION	RENEWAL DATE IF APPLICABLE	SUPERVISOR LEAD SIGN-OFF
POSITION DESCRIPTION: Systems Engineers					
VME (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	3 days		
Unix (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	1 week		
Local Area Network (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	1 week		
Demonstrated ability in Computer Systems Architecture					
Detailed Knowledge of CLCS System Level Specification	OJT	Within 2 months			
Object Oriented Design/Analysis	Technical	Within 3 months	1 week		
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
Technical Writing	Administrative	Within 6 months	1 week		
POSITION DESCRIPTION: Software Architects					
VME (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	3 days		
Unix (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	1 week		
Local Area Network (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	1 week		
Demonstrated ability in Computer Systems Architecture					
Detailed Knowledge of CLCS System Level Specification	OJT	Within 2 months			
Object Oriented Design/Analysis	Technical	Within 3 months	1 week		
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
Technical Writing	Administrative	Within 6 months	1 week		

TITLE OF TRAINING	TYPE OF TRAINING REQUIRED	WHEN REQUIRED	DURATION	RENEWAL DATE IF APPLICABLE	SUPERVISOR LEAD SIGN-OFF
POSITION DESCRIPTION: Hardware Architects					
VME (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	3 days		
Unix (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	1 week		
Local Area Network (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	1 week		
Demonstrated ability in Computer Systems Architecture					
Detailed Knowledge of CLCS System Level Specification	OJT	Within 2 months			
Demonstrated ability in Hardware Architecture Design or 3 mo. OJT		Within 3 months			
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
Technical Writing	Administrative	Within 6 months	1 week		
POSITION DESCRIPTION: Strategic Engineers					
VME (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	3 days		
Unix (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	1 week		
Local Area Network (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	1 week		
Demonstrated ability in Computer Systems Architecture					
Detailed Knowledge of CLCS System Level Specification	OJT	Within 2 months			
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
Technical Writing	Administrative	Within 6 months	1 week		

TITLE OF TRAINING	TYPE OF TRAINING REQUIRED	WHEN REQUIRED	DURATION	RENEWAL DATE IF APPLICABLE	SUPERVISOR LEAD SIGN-OFF
POSITION DESCRIPTION: Integration and Test Lead					
Demonstrated ability in Computer Systems Architecture					
Detailed knowledge of CLCS System Level Specification OJT	OJT	Within 2 months			
Demonstrated Knowledge in Current Launch Processing System		Upon Entry			
6 mo. System Test OJT	OJT	Upon Entry			
6 mo. Project Mgmt. OJT	OJT	Upon Entry			
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
Technical Writing	Administrative	Within 6 months	1 week		
POSITION DESCRIPTION: Integration Engineers					
Demonstrated ability in Computer Systems Architecture					
Detailed knowledge of CLCS System Level Specification OJT	OJT	Within 2 months			
Demonstrated Knowledge in Current Launch Processing System		Upon Entry			
6 mo. System Test OJT	OJT	Upon Entry			
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
Technical Writing	Administrative	Within 6 months	1 week		

TITLE OF TRAINING	TYPE OF TRAINING REQUIRED	WHEN REQUIRED	DURATION	RENEWAL DATE IF APPLICABLE	SUPERVISOR LEAD SIGN-OFF
POSITION DESCRIPTION: Test Engineers					
Demonstrated ability in Computer Systems Architecture					
Detailed knowledge of CLCS System Level Specification OJT	OJT	Within 2 months			
Demonstrated Knowledge in Current Launch Processing System		Upon Entry			
6 mo. System Test OJT	OJT	Upon Entry			
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
Technical Writing	Administrative	Within 6 months	1 week		
POSITION DESCRIPTION: Delivery Managers					
CLCS Procedures	OJT	Within 3 months	3 hours		
Configuration Management	OJT	Within 3 months	2 hours		
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
Technical Writing	Administrative	Within 6 months	1 week		
POSITION DESCRIPTION: Specialty Engineering Lead					
Demonstrated Knowledge of Human Computer Interfaces or 6 MONTHS OJT	OJT	Upon Entry			
Detailed knowledge of CLCS specification		Within 3 months			
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
Technical Writing	Administrative	Within 6 months	1 week		

TITLE OF TRAINING	TYPE OF TRAINING REQUIRED	WHEN REQUIRED	DURATION	RENEWAL DATE IF APPLICABLE	SUPERVISOR LEAD SIGN-OFF
POSITION DESCRIPTION: Human Factors Engineers					
Demonstrated Knowledge of Human Computer Interfaces or 6 months OJT	OJT	Upon Entry			
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
Technical Writing	Administrative	Within 6 months	1 week		
POSITION DESCRIPTION: Quality Assurance Engineers					
Demonstrated Knowledge of Quality Standards	OJT	Upon Entry			
1 Yr Quality Assurance Activities OJT	OJT	Upon Entry			
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
Technical Writing	Administrative	Within 6 months	1 week		
POSITION DESCRIPTION: Security Engineers					
Demonstrated Knowledge of Security Systems	OJT	Upon Entry			
1 yr. Security OJT	OJT	Upon Entry			
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
Technical Writing	Administrative	Within 6 months	1 week		

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TITLE OF TRAINING	TYPE OF TRAINING REQUIRED	WHEN REQUIRED	DURATION	RENEWAL DATE IF APPLICABLE	SUPERVISOR LEAD SIGN-OFF
POSITION DESCRIPTION: Safety Engineers					
Demonstrated Knowledge of STS Safety Procedures		Upon Entry			
1 yr. OJT in Safety	OJT	Upon Entry			
Detailed Knowledge of CLCS Specification		Upon Entry			
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
Technical Writing	Administrative	Within 6 months	1 week		
POSITION DESCRIPTION: Logistics Engineers					
Demonstrated Knowledge of Logistics Operations		Upon Entry			
1 yr. OJT in Logistics	OJT	Upon Entry			
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
Technical Writing	Administrative	Within 6 months	1 week		
POSITION DESCRIPTION: Performance Engineers					
Demonstrated Knowledge of Computer Performance Metric		Upon Entry			
Detailed Knowledge of CLCS Specification					
Demonstrated Knowledge/Ability of Computer Arch Performance Modeling Techniques		Upon Entry			
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
Technical Writing	Administrative	Within 6 months	1 week		

TITLE OF TRAINING	TYPE OF TRAINING REQUIRED	WHEN REQUIRED	DURATION	RENEWAL DATE IF APPLICABLE	SUPERVISOR LEAD SIGN-OFF
POSITION DESCRIPTION: Subsystem Engineering Chief					
Resident Mgmt. Ed. Program	Administrative	Within 6 months	1 week		
Management Education Program	Administrative	Within 1 year	1 week		
2 year Project Mgmt. OJT	OJT	Upon Entry			
Demonstrated ability in Computer System Architecture		Upon Entry			
Demonstrated ability in Real Time Operating Systems		Within 3 months			
Demonstrated ability/knowledge in Local Area Network		Within 6 months			
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
POSITION DESCRIPTION: Gateway Lead					
Demonstrated ability in Computer Systems Architecture	OJT	Upon Entry			
Demonstrated ability in Network Protocol	OJT	Upon Entry			
Detailed knowledge of CLCS System level Specification/OJT		Within 3 months			
1 yr. Project Management or OJT	OJT	Within 6 months			
Demonstrated ability in Vx Works Operating Systems		Upon Entry			
Demonstrated ability in UNIX Operating Systems		Within 6 months			
Demonstrated ability in Real Time Operating Systems		Upon Entry			
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		

TITLE OF TRAINING	TYPE OF TRAINING REQUIRED	WHEN REQUIRED	DURATION	RENEWAL DATE IF APPLICABLE	SUPERVISOR LEAD SIGN-OFF
POSITION DESCRIPTION: Gateway Development Engineers					
Demonstrated ability in Computer Systems Architecture	OJT	Upon Entry			
Demonstrated ability in Network Protocol	OJT	Upon Entry			
Detailed knowledge of CLCS System level Specification/OJT		Within 3 months			
Demonstrated ability/knowledge in Real Time Operating Systems	OJT	Within 1 year			
Demonstrated ability/knowledge in VxWorks Operating System		Within 6 months			
Demonstrated ability in C and C++ Programming		Within 6 months			
Demonstrated ability in UNIX Operating Systems		Within 3 months			
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
POSITION DESCRIPTION: RTPS Network Lead					
Demonstrated ability in Computer Systems Architecture	OJT	Upon Entry			
Demonstrated ability in Network Protocol	OJT	Upon Entry			
Detailed knowledge of CLCS System level Specification/OJT		Within 3 months			
1 yr. Project Management or OJT	OJT	Within 6 months			
Demonstrated ability in UNIX Operating Systems		Upon Entry			
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		

TITLE OF TRAINING	TYPE OF TRAINING REQUIRED	WHEN REQUIRED	DURATION	RENEWAL DATE IF APPLICABLE	SUPERVISOR LEAD SIGN-OFF
POSITION DESCRIPTION: RTPS Network Development Engineers					
Demonstrated ability in Computer Systems Architecture	OJT	Upon Entry			
Demonstrated ability in Network Protocol	OJT	Upon Entry			
Detailed knowledge of CLCS System level Specification/OJT	OJT	Within 3 months			
Demonstrated ability in UNIX Operating Systems		Within 6 months			
Demonstrated ability in Real Time Operating Systems		Within 1 year			
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
POSITION DESCRIPTION: Support Network Lead					
Demonstrated ability in Computer Systems Architecture	OJT	Upon Entry			
Demonstrated ability in Network Protocol	OJT	Upon Entry			
Detailed knowledge of CLCS System level Specification/OJT		Within 3 months			
1 yr. Project Management or OJT	OJT	Within 6 months			
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		

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TITLE OF TRAINING	TYPE OF TRAINING REQUIRED	WHEN REQUIRED	DURATION	RENEWAL DATE IF APPLICABLE	SUPERVISOR LEAD SIGN-OFF
POSITION DESCRIPTION: Support Network Development Engineers					
Demonstrated ability in Computer Systems Architecture	OJT	Upon Entry			
Detailed knowledge of CLCS System level Specification/OJT	OJT	Within 3 months			
Unix (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	1 week		
Local Area Network (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	1 week		
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
POSITION DESCRIPTION: Consoles & Platforms Lead					
Demonstrated ability in H/W platform design or 1 yr. OJT	OJT	Upon Entry			
Demonstrated knowledge of human computer interfaces & state of the art tools.	OJT	Upon Entry			
1 yr. project mgmt. or OJT	OJT	Within 6 months			
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
POSITION DESCRIPTION: Consoles & Platforms Engineers					
Demonstrated ability in H/W platform design or 1 yr. OJT	OJT	Upon Entry			
Demonstrated knowledge of human computer interfaces & state of the art tools.	OJT	Upon Entry			
Demonstrated ability in UNIX Operating System		Within 1 year			
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		

TITLE OF TRAINING	TYPE OF TRAINING REQUIRED	WHEN REQUIRED	DURATION	RENEWAL DATE IF APPLICABLE	SUPERVISOR LEAD SIGN-OFF
POSITION DESCRIPTION: System Software Chief					
Resident Mgmt. Ed. Program	Administrative	Within 6 months	1 week		
Management Education Program	Administrative	Within 1 year	1 week		
2 year Project Mgmt. OJT	OJT	Upon Entry			
Applied experience in Real Time Command & Control Systems Design & Architecture	OJT	Upon Entry	3 years		
Applied experience in Software Development Methodology	OJT	Upon Entry	3 years		
Applied experience in Design & Development Team Management	OJT	Upon Entry	3 years		
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		

TITLE OF TRAINING	TYPE OF TRAINING REQUIRED	WHEN REQUIRED	DURATION	RENEWAL DATE IF APPLICABLE	SUPERVISOR LEAD SIGN-OFF
POSITION DESCRIPTION: System Services Lead					
VME (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	3 days		
Unix (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	1 week		
Local Area Network (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	1 week		
Demonstrated ability in Computer Systems Architecture					
Detailed Knowledge of CLCS System Level Specification	OJT	Within 2 months			
1 yr. Project Mgmt. or OJT	OJT	Upon Entry			
Applied experience in NT Operating Systems	OJT	Upon Entry	1 year		
Applied experience in Real Time System Architecture	OJT	Upon Entry	2 years		
Applied experience in Real Time Operating Systems	OJT	Upon Entry	2 years		
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		

TITLE OF TRAINING	TYPE OF TRAINING REQUIRED	WHEN REQUIRED	DURATION	RENEWAL DATE IF APPLICABLE	SUPERVISOR LEAD SIGN-OFF
POSITION DESCRIPTION: System Services Engineers					
VME (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	3 days		
Unix (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	1 week		
Local Area Network (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	1 week		
Demonstrated ability in Computer Systems Architecture					
Detailed Knowledge of CLCS System Level Specification	OJT	Within 2 months			
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
POSITION DESCRIPTION: Operating System & Diagnostics Lead					
VME (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	3 days		
Unix (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	1 week		
Local Area Network (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	1 week		
Demonstrated ability in Computer Systems Architecture					
Detailed Knowledge of CLCS System Level Specification	OJT	Within 2 months			
1 yr. Project Mgmt. OJT	OJT	Upon Entry			
Applied experience in NT Operating Systems	OJT	Upon Entry	1 year		
Applied experience in OS & Network Security	OJT	Upon Entry	1 year		
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		

TITLE OF TRAINING	TYPE OF TRAINING REQUIRED	WHEN REQUIRED	DURATION	RENEWAL DATE IF APPLICABLE	SUPERVISOR LEAD SIGN-OFF
POSITION DESCRIPTION: O/S & Diagnostics Engineers					
VME (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	3 days		
Unix (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	1 week		
Local Area Network (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	1 week		
Demonstrated ability in Computer Systems Architecture					
Detailed Knowledge of CLCS System Level Specification	OJT	Within 2 months			
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
POSITION DESCRIPTION: Data Distribution & Processing Lead					
VME (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	3 days		
Unix (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	1 week		
Local Area Network (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	1 week		
Demonstrated ability in Computer Systems Architecture					
Detailed Knowledge of CLCS System Level Specification	OJT	Within 2 months			
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		

TITLE OF TRAINING	TYPE OF TRAINING REQUIRED	WHEN REQUIRED	DURATION	RENEWAL DATE IF APPLICABLE	SUPERVISOR LEAD SIGN-OFF
POSITION DESCRIPTION: Data Distribution & Processing Engineers					
VME (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	3 days		
Unix (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	1 week		
Local Area Network (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	1 week		
Demonstrated ability in Computer Systems Architecture					
Detailed Knowledge of CLCS System Level Specification	OJT	Within 2 months			
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		

TITLE OF TRAINING	TYPE OF TRAINING REQUIRED	WHEN REQUIRED	DURATION	RENEWAL DATE IF APPLICABLE	SUPERVISOR LEAD SIGN-OFF
POSITION DESCRIPTION: Command & Control Lead					
VME (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	3 days		
Unix (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	1 week		
Local Area Network (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	1 week		
Demonstrated ability in Computer Systems Architecture					
Detailed Knowledge of CLCS System Level Specification	OJT	Within 2 months			
Applied experience in design of Real Time Command & Control Systems	OJT	Upon Entry	2 years		
Applied experience in NT Operating Systems	OJT	Upon Entry	1 year		
Applied experience in Real Time Operating Systems	OJT	Upon Entry	1 year		
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		

TITLE OF TRAINING	TYPE OF TRAINING REQUIRED	WHEN REQUIRED	DURATION	RENEWAL DATE IF APPLICABLE	SUPERVISOR LEAD SIGN-OFF
POSITION DESCRIPTION: Command & Control Engineers					
VME (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	3 days		
Unix (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	1 week		
Local Area Network (Training or Demonstrated ability & knowledge)	Technical	Within 3 months	1 week		
Demonstrated ability in Computer Systems Architecture					
Detailed Knowledge of CLCS System Level Specification	OJT	Within 2 months			
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		

TITLE OF TRAINING	TYPE OF TRAINING REQUIRED	WHEN REQUIRED	DURATION	RENEWAL DATE IF APPLICABLE	SUPERVISOR LEAD SIGN-OFF
POSITION DESCRIPTION: Application Software Chief					
Resident Mgmt. Ed. Program	Administrative	Within 6 months	1 week		
Management Education Program	Administrative	Within 1 year	1 week		
2 year Project Mgmt. OJT	OJT	Upon Entry			
Applied experience in Software Development Methodology	OJT	Upon Entry	3 years		
Applied experience in Design & Development Team Management	OJT	Upon Entry	3 years		
Shuttle Operations Experience	OJT	Upon Entry	3 years		
Trained in Object Oriented Design/Analysis, C/C++, and Java	Technical	Upon Entry			
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
POSITION DESCRIPTION: Real Time Control Application Product Team					
Knowledge of CLCS Design	OJT	Within 1 month			
1 yr. of Launch Processing Applications Experience	OJT	Upon Entry			
1 Yr. Project Mgmt. or OJT	OJT	Upon Entry			
Sherill-Lubinski (SL) Training	Classroom	Within 1 month	3 days		
Object Oriented Design/Analysis	Classroom	Within 1 month	1 week		
Control Shell Training	Classroom	When available	3 days		
UNIX Familiarization	OJT	Upon Entry			
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		

TITLE OF TRAINING	TYPE OF TRAINING REQUIRED	WHEN REQUIRED	DURATION	RENEWAL DATE IF APPLICABLE	SUPERVISOR LEAD SIGN-OFF
POSITION DESCRIPTION: Integrated Product Team Software Engineers					
Object Oriented Design/Analysis	Classroom	Within 1 month	1 week		
C++ Programming	Classroom	Within 1 month	1 week		
Advanced C++ Programming	Classroom	Within 6 months	1 week		
LPS Familiarization	Classroom/OJT	Within 1 month	12 hours		
Sherill-Lubinski (SL) Training	Classroom	Within 1 month	3 days		
ControlShell Training	Classroom	Post C++	3 days		
Knowledge of CLCS Design	OJT	Within 1 month			
UNIX Training	Classroom	Upon Entry	1 week		
DOORS Training	Classroom	Within 3 months	2 days		
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
POSITION DESCRIPTION: Integrated Product Team System Engineers and Leads					
Expertise on Responsible System	OJT	Upon Entry			
Object Oriented Design/Analysis	Classroom	Within 1 month	1 day		
DOORS Training	Classroom	Within 1 month	2 days		
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
POSITION DESCRIPTION: Data Analysis & Presentation Lead					
Knowledge of CLCS Design	OJT	Within 1 month			
1 Year Launch Processing Experience	OJT	Upon Entry			
1 Year Project Management or OJT	OJT	Upon Entry			
Java Programming	Classroom	Within 1 month	1 week		
Object Oriented Design/Analysis	Classroom	Within 1 month	1 week		
C++ Programming	Classroom	Within 2 months	1 week		
1 Year LPS Data Retrieval	OJT	Upon Entry			
Web Browser Familiarization	OJT	Upon Entry			
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		

TITLE OF TRAINING	TYPE OF TRAINING REQUIRED	WHEN REQUIRED	DURATION	RENEWAL DATE IF APPLICABLE	SUPERVISOR LEAD SIGN-OFF
POSITION DESCRIPTION: Data Analysis & Presentation Software Engineers					
Knowledge of CLCS Design	OJT	Within 1 month			
Java Programming	Classroom	Within 1 month	1 week		
Object Oriented Design/Analysis	Classroom	Within 2 months	1 week		
C++ Programming	Classroom	When available	1 week		
Web Browser Familiarization	OJT	Upon Entry			
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
POSITION DESCRIPTION: Simulation Lead					
Knowledge of CLCS Design	OJT	Within 1 month			
1 Year Launch Processing Experience	OJT	Upon Entry			
1 Year Project Management or OJT	OJT	Upon Entry			
Java Programming	Classroom	Within 1 month	1 week		
Object Oriented Design/Analysis	Classroom	Upon Entry	1 week		
C/C++ Programming	Classroom	Upon Entry	1 week		
1 Year LPS Simulation Experience	OJT	Upon Entry			
X/Motif Training	Classroom	Upon Entry	1 week		
UNIX Training	Classroom	Upon Entry	1 week		
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		

TITLE OF TRAINING	TYPE OF TRAINING REQUIRED	WHEN REQUIRED	DURATION	RENEWAL DATE IF APPLICABLE	SUPERVISOR LEAD SIGN-OFF
POSITION DESCRIPTION: Simulation Engineers					
Knowledge of CLCS Design	OJT	Within 1 month			
LPS Familiarization	Classroom/OJT	Within 1 month	12 hours		
Java Programming	Classroom	Within 6 months	1 week		
Object Oriented Design/Analysis	Classroom	Within 2 months	1 week		
C/C++ Programming	Classroom	Upon Entry	1 week		
LPS Simulation Familiarization	OJT	Upon Entry			
X/Motif Training	Classroom	Upon Entry	1 week		
UNIX Training	Classroom	Upon Entry	1 week		
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		
POSITION DESCRIPTION: 3D Special Projects Engineer					
Knowledge of CLCS Design	OJT	Within 1 month			
LPS Familiarization	Classroom/OJT	Within 1 month	12 hours		
Object Oriented Design/Analysis	Classroom	Within 2 months	1 week		
C/C++ Programming	Classroom	Upon Entry	1 week		
Multigen Training	Classroom	Within 1 month	1 week		
Vega Training	Classroom	Within 2 months	1 week		
UNIX Training	Classroom	Upon Entry	1 week		
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		

TITLE OF TRAINING	TYPE OF TRAINING REQUIRED	WHEN REQUIRED	DURATION	RENEWAL DATE IF APPLICABLE	SUPERVISOR LEAD SIGN-OFF
POSITION DESCRIPTION: Expert/Advisory Systems Special Projects Engineer					
Knowledge of CLCS Design	OJT	Within 1 month			
LPS Familiarization	Classroom/OJT	Within 1 month	12 hours		
Object Oriented Design/Analysis	Classroom	Within 2 months	1 week		
C/C++ Programming	Classroom	Upon Entry	1 week		
G2 Training	Classroom	Within 1 month	1 week		
Lisp Training	Classroom	Upon Entry	1 week		
UNIX Training	Classroom	When available	1 week		
ControlShell Training	Classroom	When available	3 days		
CLCS Orientation or familiarization with CLCS processes	Administrative/OJT	Within 4 months	2 hours		